Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN093019\

Quantitation Report (Not Reviewed)

Data File : BN007904.D
Acq On : 30 Sep 2019 19:37
Operator : JU
Sample : K5078-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-024-SW131-092519

Quant Time: Oct 01 06:51:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	8309	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	31214	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	16308	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	29611	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	31236	0.40	ng		-0.01
34) Perylene-d12	23.47	264	38054	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	6216	0.22	ng		0.00
5) Phenol-d6	6.86	99	8237	0.23	ng		0.00
8) Nitrobenzene-d5	8.83	82	6968	0.26	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	12128	0.23	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	1514	0.17	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	16145	0.24	ng		-0.01
25) Fluoranthene-d10	19.09	212	20860	0.21	ng		-0.01
29) Terphenyl-d14	19.70	244	16275	0.21	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.00	42	11688	2.755	ng	#	77
16) Acenaphthylene	14.04	152	3230	0.037	ng		97
23) Phenanthrene	17.10	178	6890	0.075	ng		98
26) Fluoranthene	19.12	202	10334	0.090	ng		98
28) Pyrene	19.49	202	10809	0.101	ng	#	96
30) Benzo(a)anthracene	21.24	228	4632	0.040	ng	#	76
31) Chrysene	21.29	228	6268	0.056	ng	#	90
32) Bis(2-ethylhexyl)phthalate	21.19	149	10297	0.174	ng		98
33) Indeno(1,2,3-cd)pyrene	25.68	276	4043	0.029	ng	#	95
35) Benzo(b)fluoranthene	22.81	252	8287	0.063	ng	#	64
36) Benzo(k)fluoranthene	22.81	252	8287	0.063	ng	#	65
37) Benzo(a)pyrene	23.38	252	5315	0.043	ng	#	52
39) Benzo(g,h,i)perylene	26.35	276	4741	0.038	ng	#	72

(#) = qualifier out of range (m) = manual integration (+) = signals summed

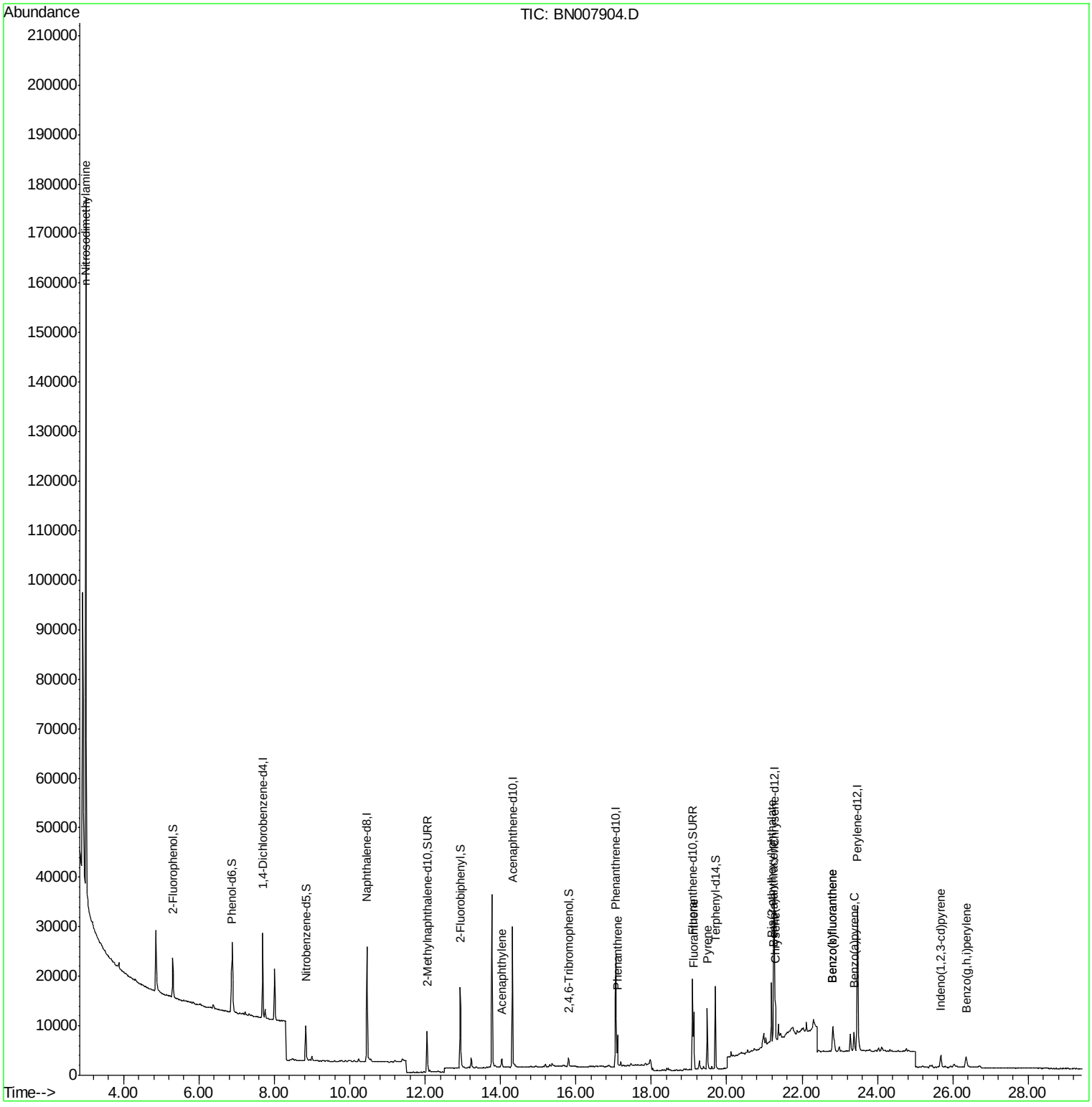
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN093019\

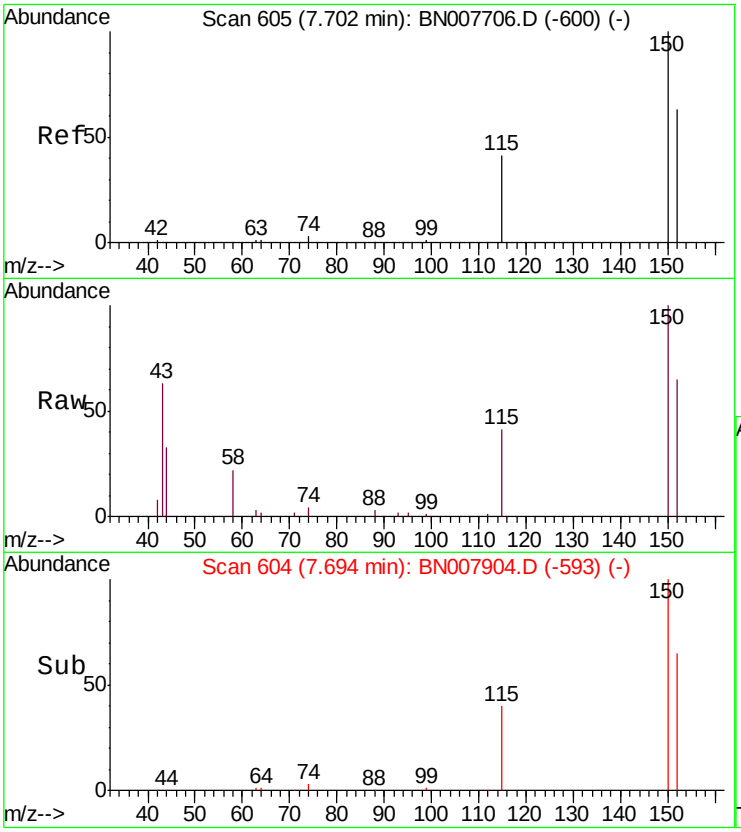
Quantitation Report (Not Reviewed)

Data File : BN007904.D
Acq On : 30 Sep 2019 19:37
Operator : JU
Sample : K5078-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Quant Time: Oct 01 06:51:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration



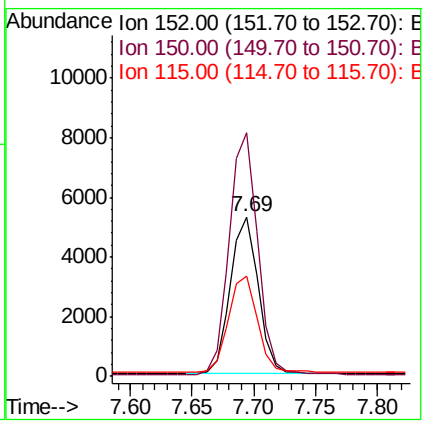


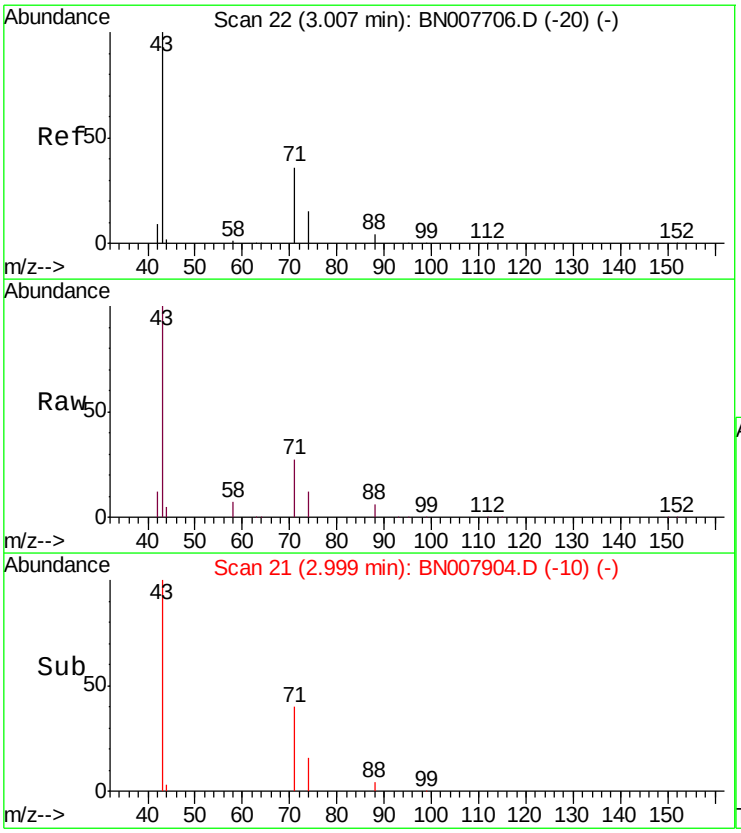
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:152 Resp: 8309

Ion	Ratio	Lower	Upper
152	100		
150	153.0	125.6	188.4
115	63.1	53.3	79.9

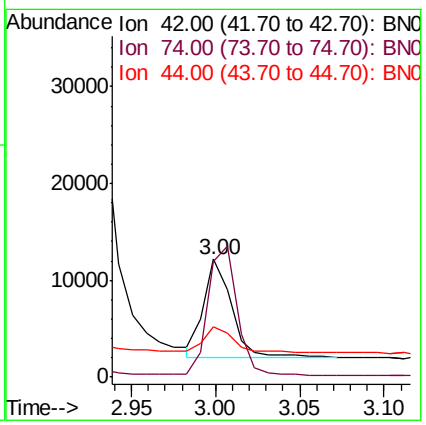


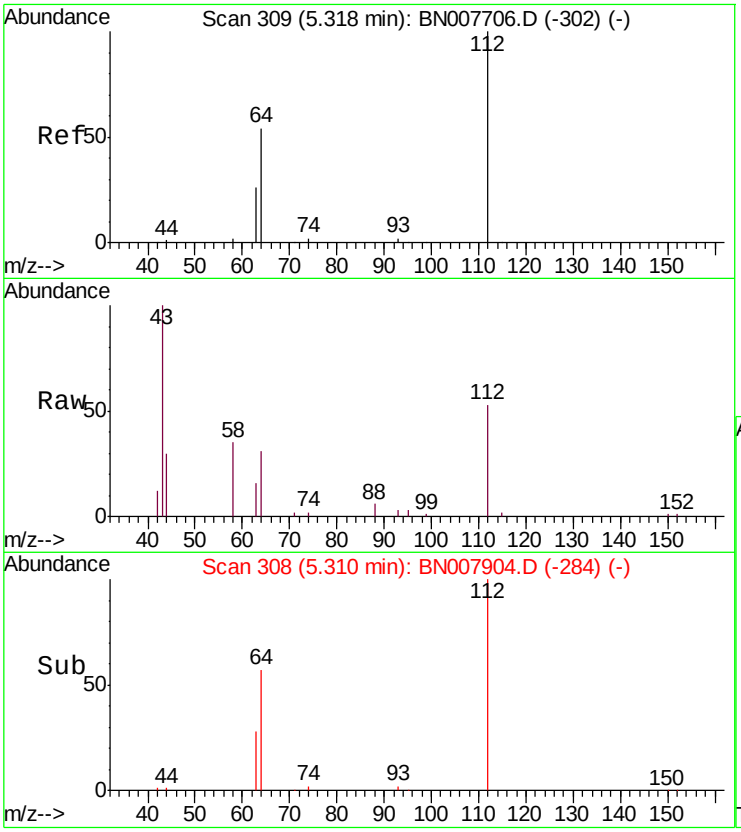


#3
n-Nitrosodimethylamine
Concen: 2.755 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion: 42 Resp: 11688

Ion	Ratio	Lower	Upper
42	100		
74	136.7	87.9	131.9#
44	28.2	29.4	44.0#



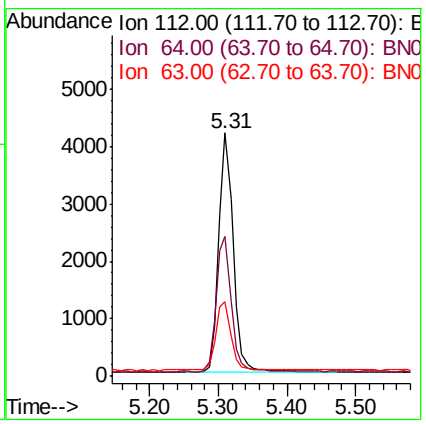


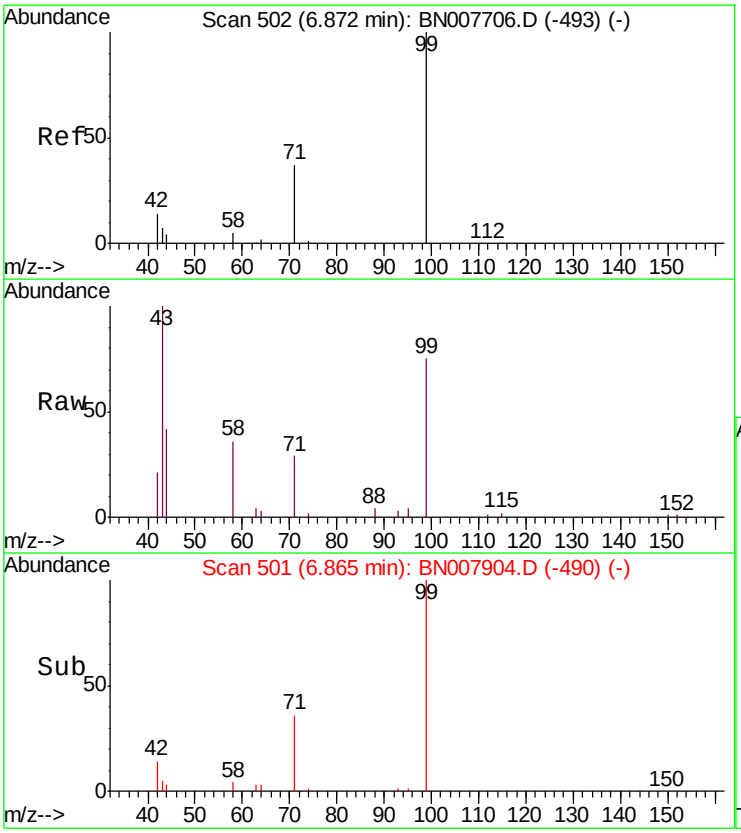
#4
2-Fluorophenol
Concen: 0.217 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:112 Resp: 6216

Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.6	70.0
63	29.7	23.1	34.7

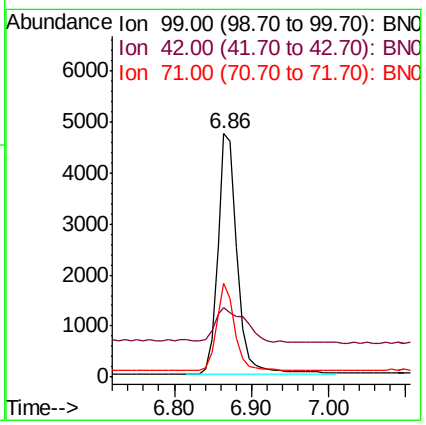


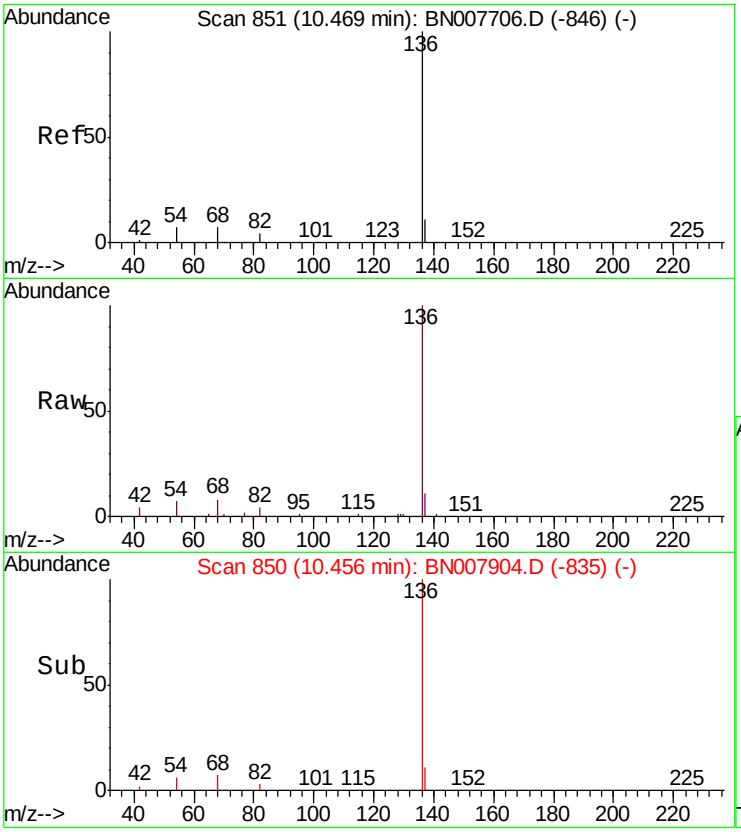


#5
Phenol-d6
Concen: 0.228 ng
RT: 6.86 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion: 99 Resp: 8237

Ion	Ratio	Lower	Upper
99	100		
42	23.1	12.8	19.2#
71	34.0	27.6	41.4



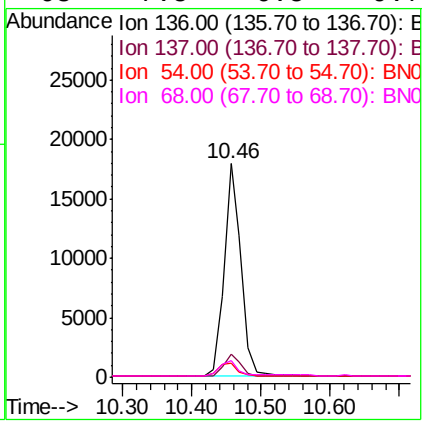


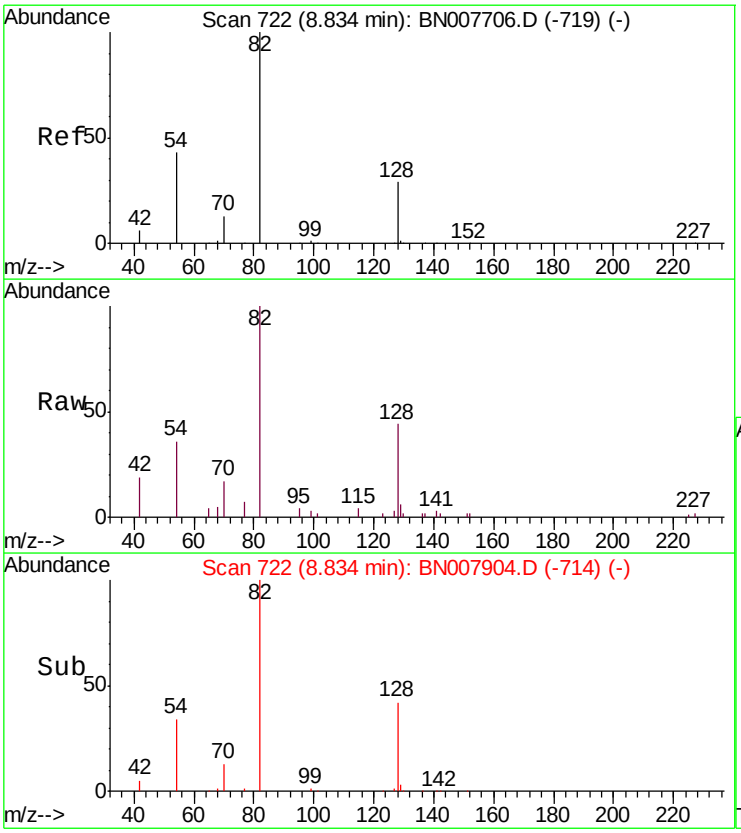
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:136 Resp: 31214

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	6.8	5.8	8.8
68	7.5	6.5	9.7

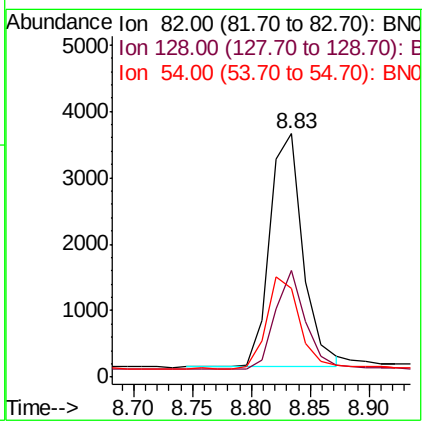


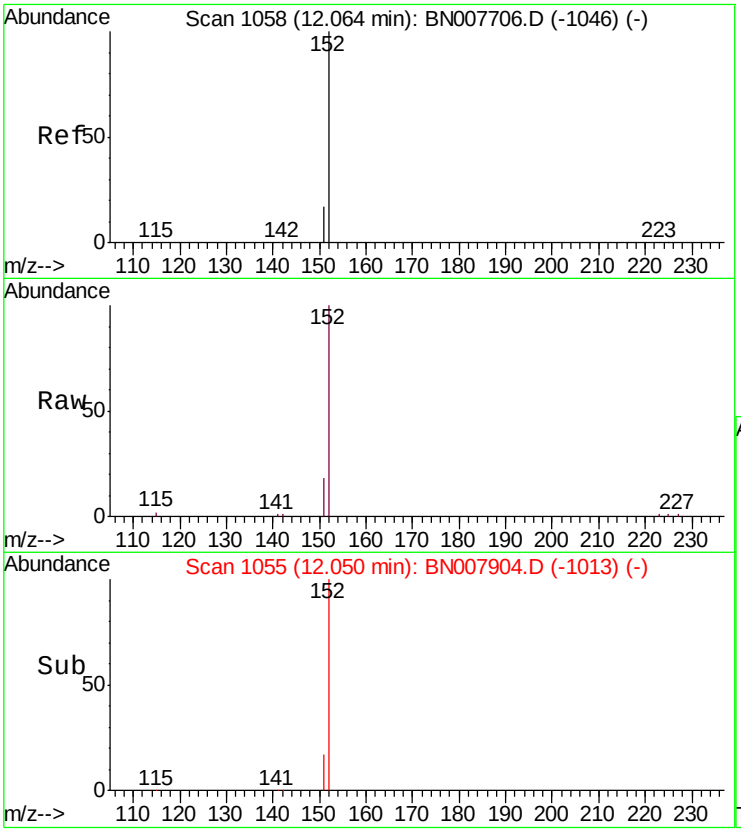


#8
Nitrobenzene-d5
Concen: 0.255 ng
RT: 8.83 min Scan# 722
Delta R.T. 0.00 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion: 82 Resp: 6968

Ion	Ratio	Lower	Upper
82	100		
128	43.8	24.5	36.7#
54	36.2	35.2	52.8



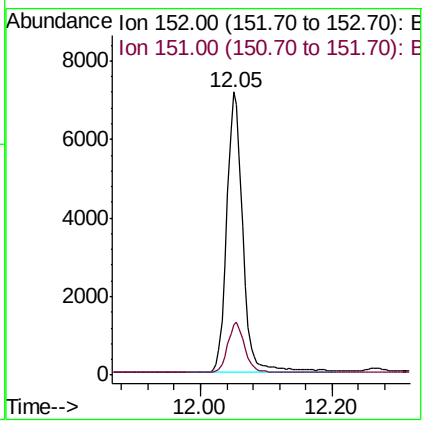


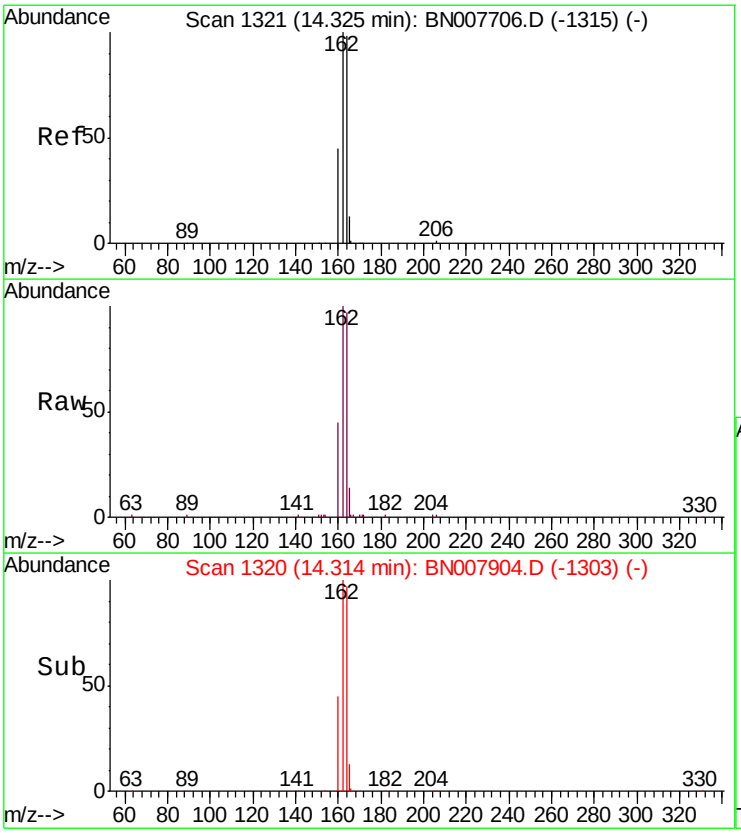
#11
2-Methylnaphthalene-d10
Concen: 0.231 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:152 Resp: 12128

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.2

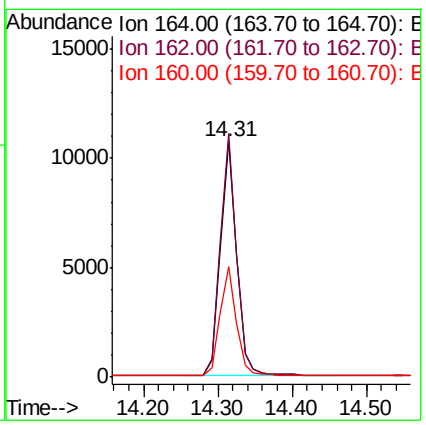


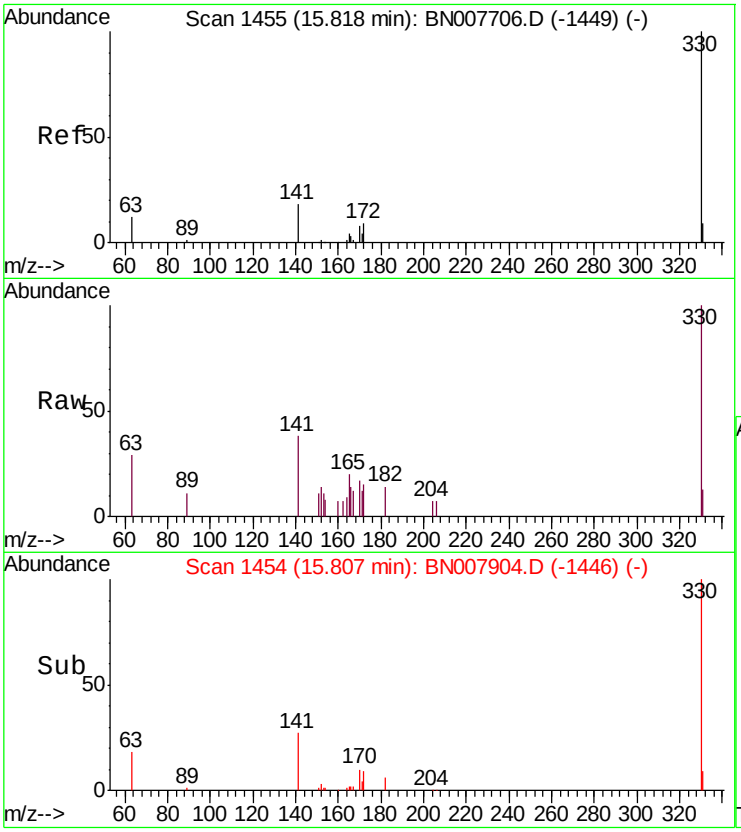


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:164 Resp: 16308

Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.7	122.5
160	46.7	37.0	55.4



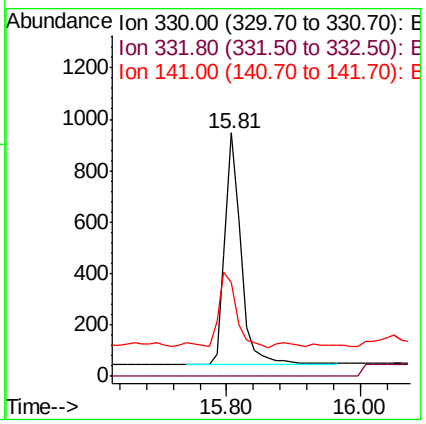


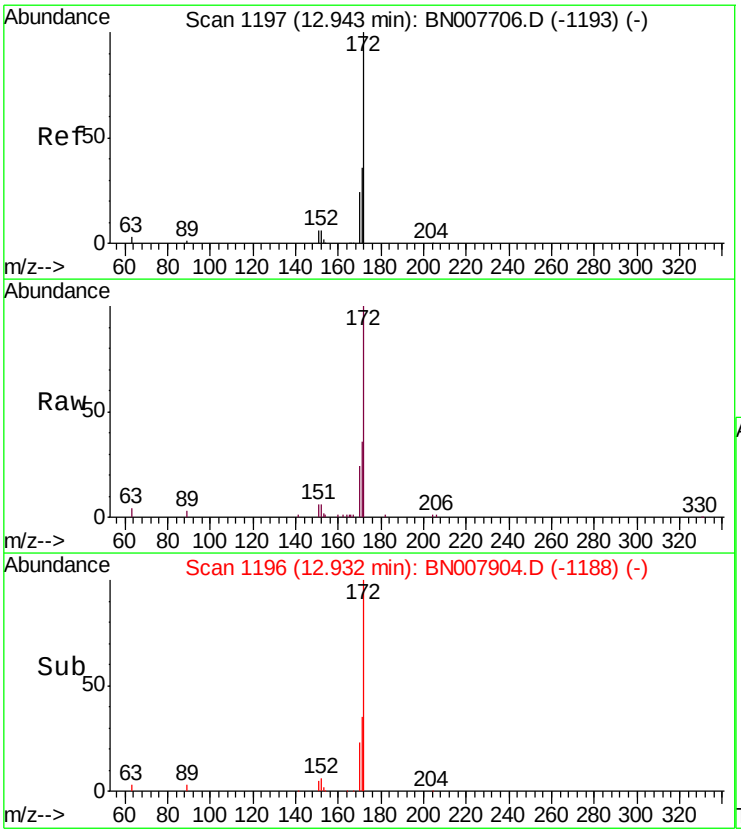
#14
2,4,6-Tribromophenol
Concen: 0.170 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:330 Resp: 1514

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.0	28.7	43.1

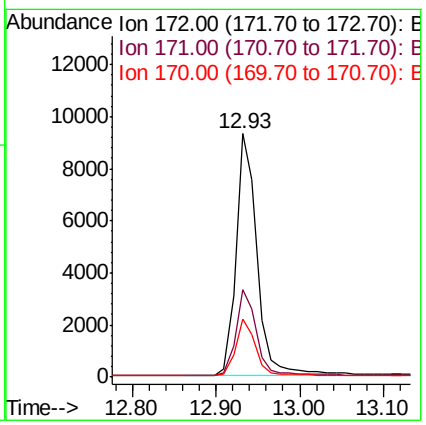


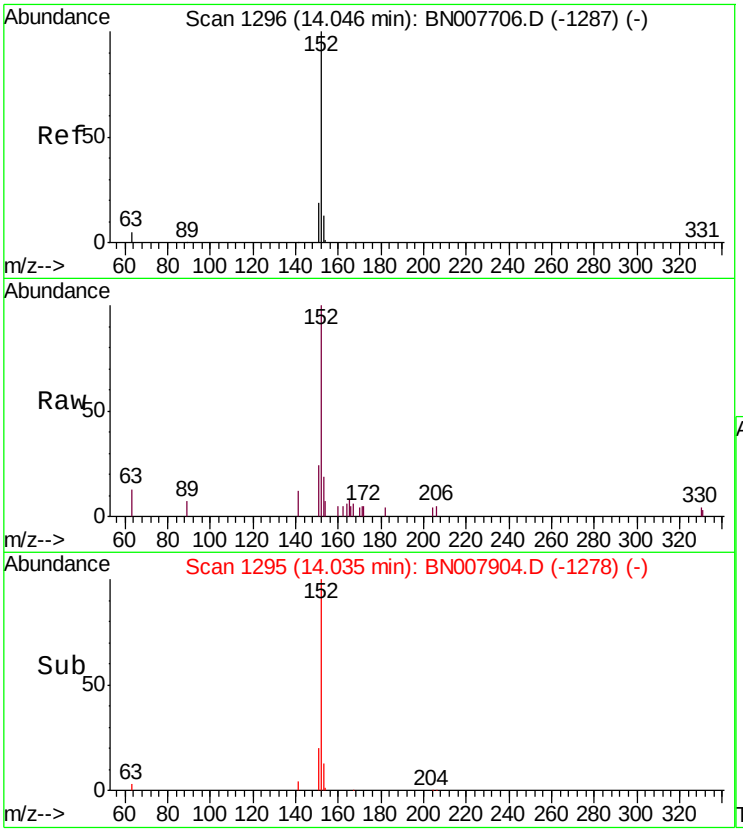


#15
2-Fluorobiphenyl
Concen: 0.240 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:172 Resp: 16145

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.8	43.2
170	23.6	19.5	29.3



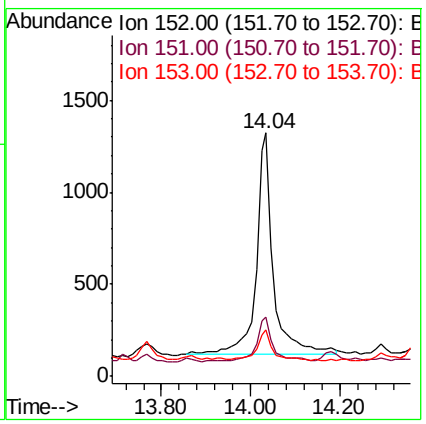


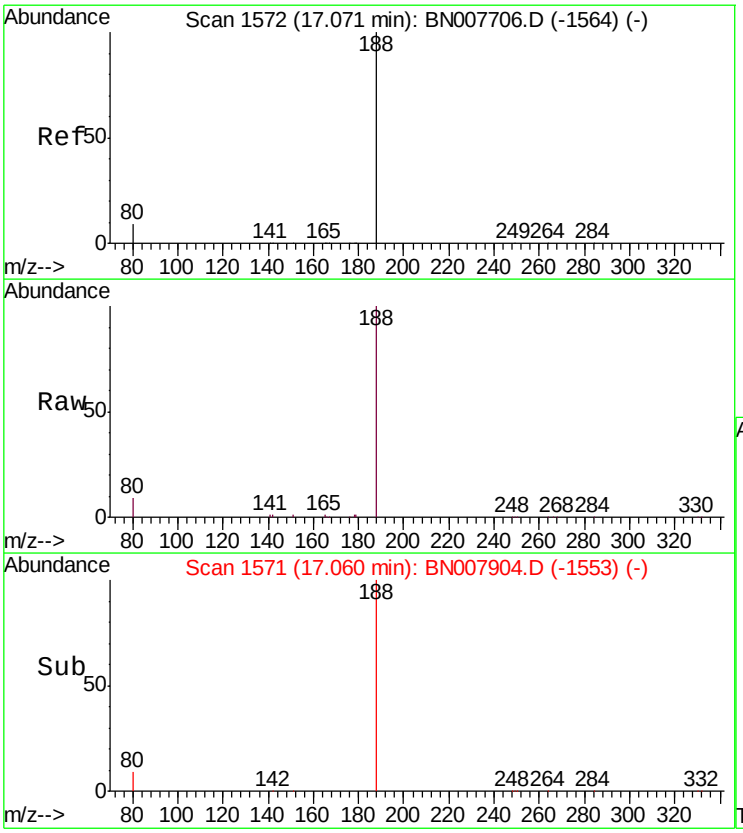
#16
Acenaphthylene
Concen: 0.037 ng
RT: 14.04 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:152 Resp: 3230

Ion	Ratio	Lower	Upper
152	100		
151	21.5	15.5	23.3
153	13.2	10.4	15.6

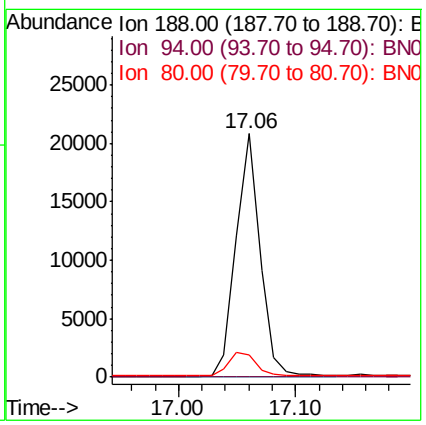


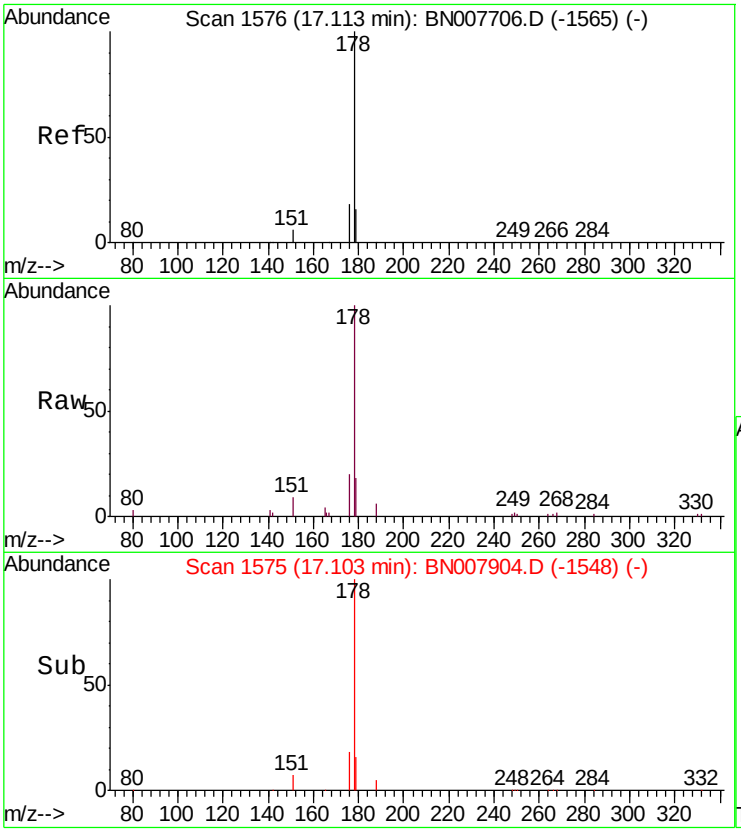


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:188 Resp: 29611

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.4	11.2



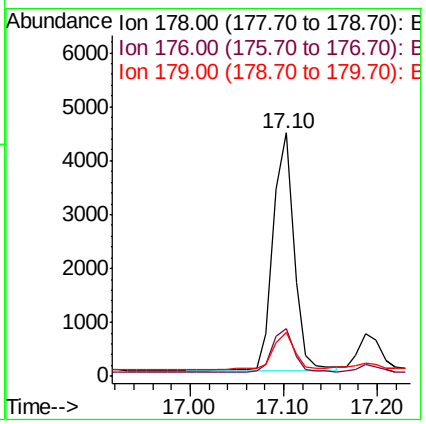


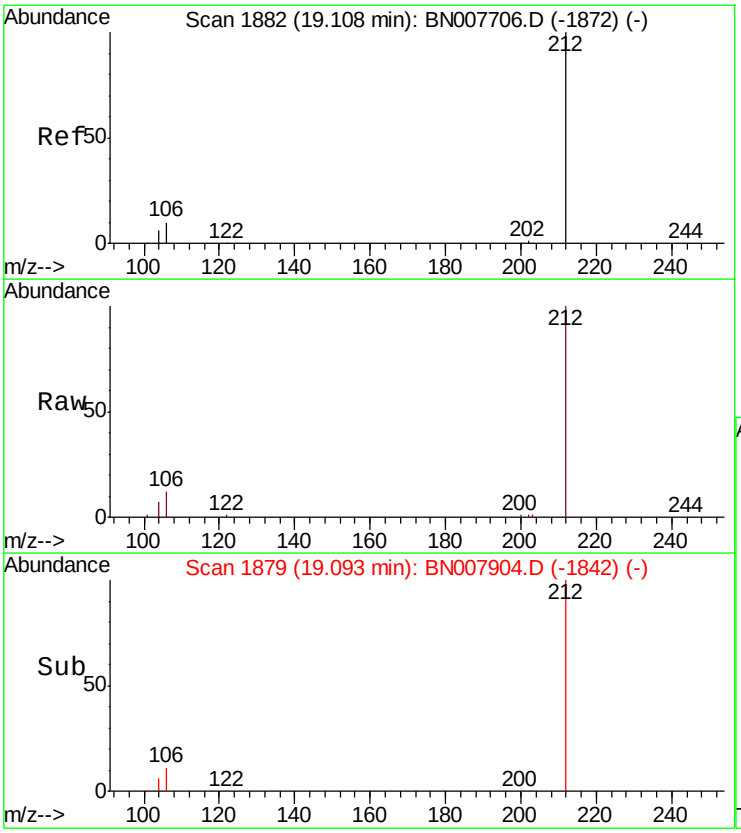
#23
Phenanthrene
Concen: 0.075 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:178 Resp: 6890

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.9	22.3
179	17.0	12.5	18.7

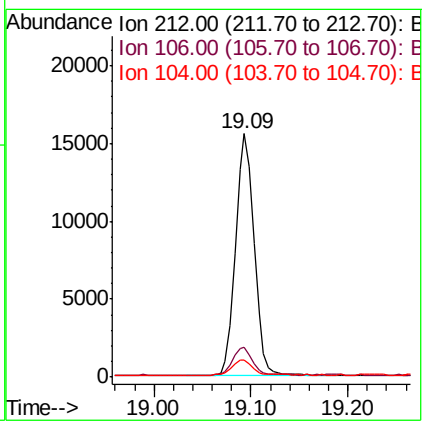


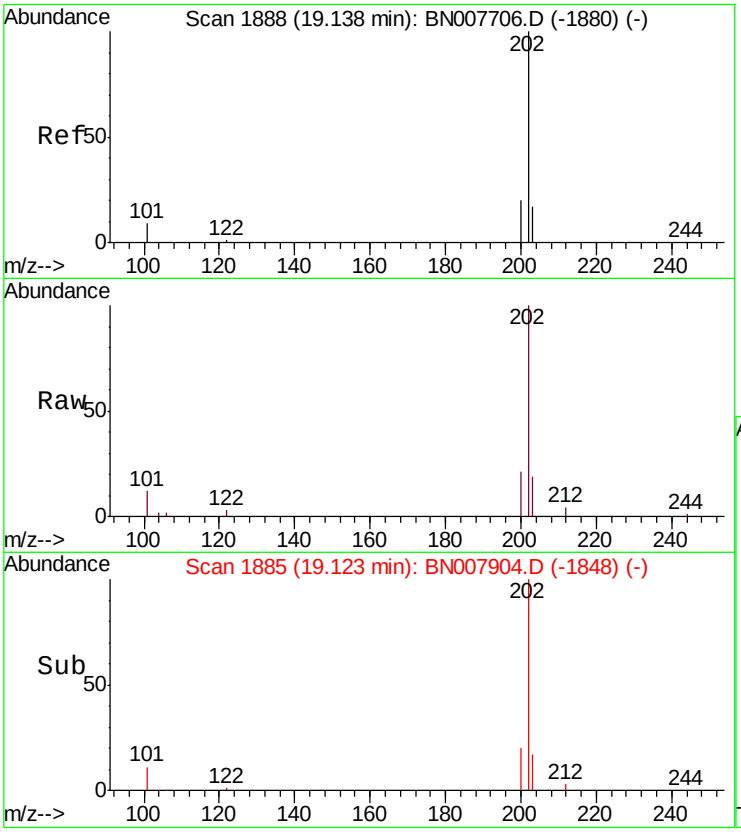


#25
Fluoranthene-d10
Concen: 0.209 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:212 Resp: 20860

Ion	Ratio	Lower	Upper
212	100		
106	11.9	9.4	14.0
104	6.9	5.3	7.9



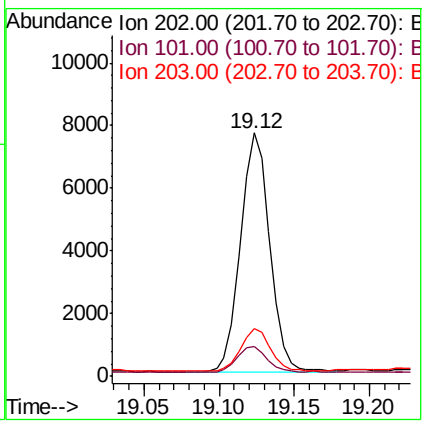


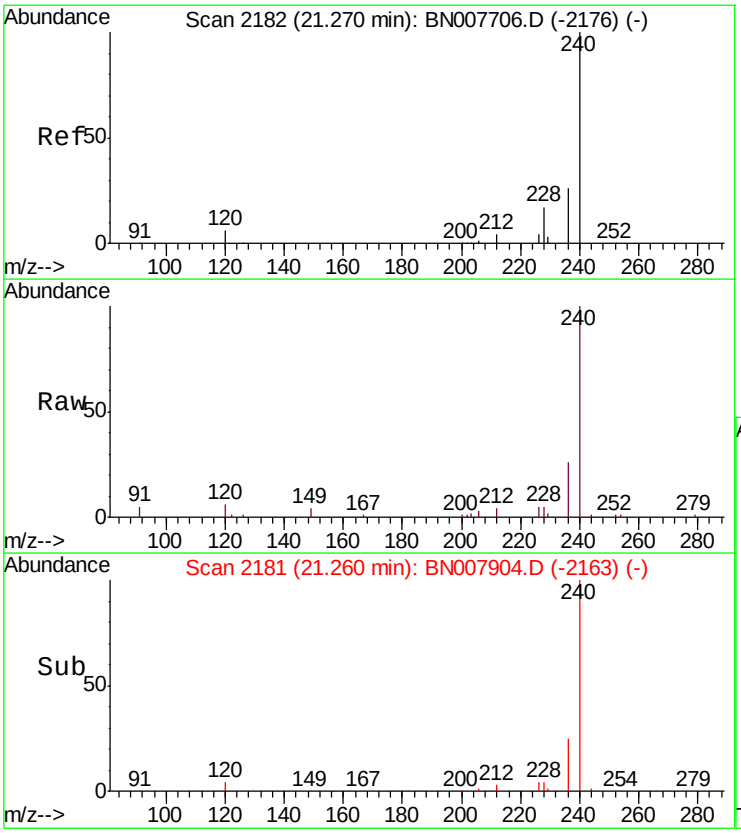
#26
Fluoranthene
Concen: 0.090 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:202 Resp: 10334

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.4	12.6
203	18.1	13.8	20.8

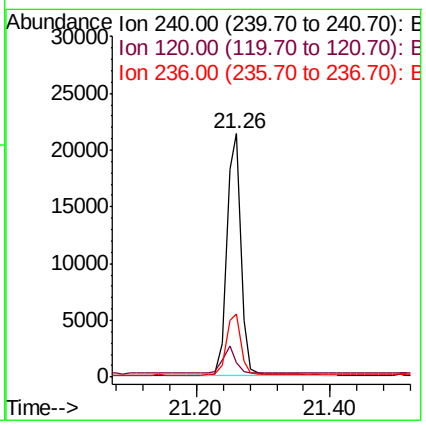


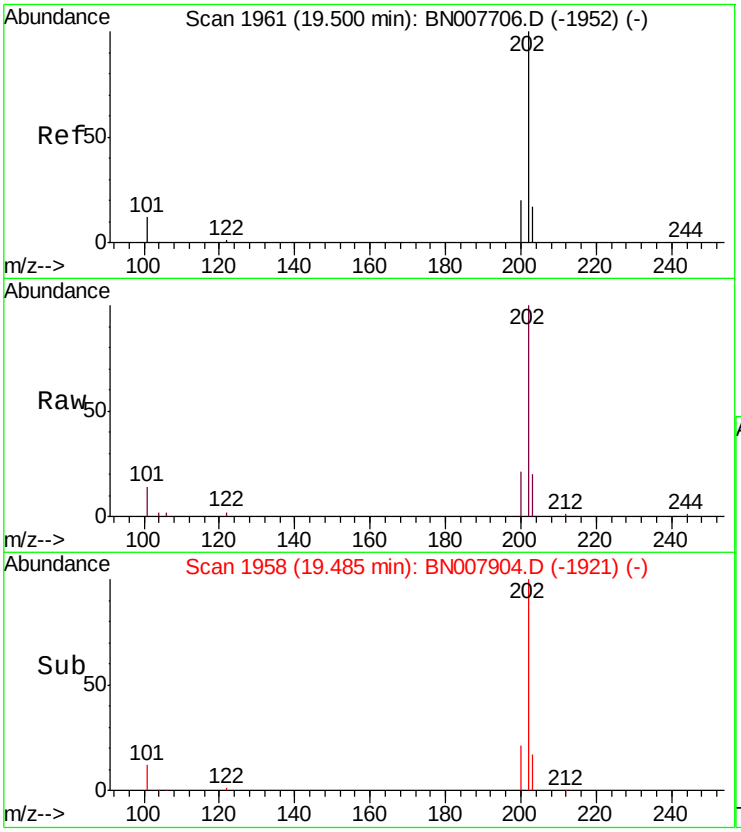


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:240 Resp: 31236

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.4	8.2
236	26.1	21.0	31.4



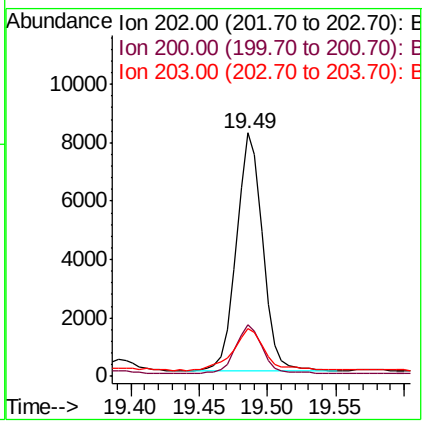


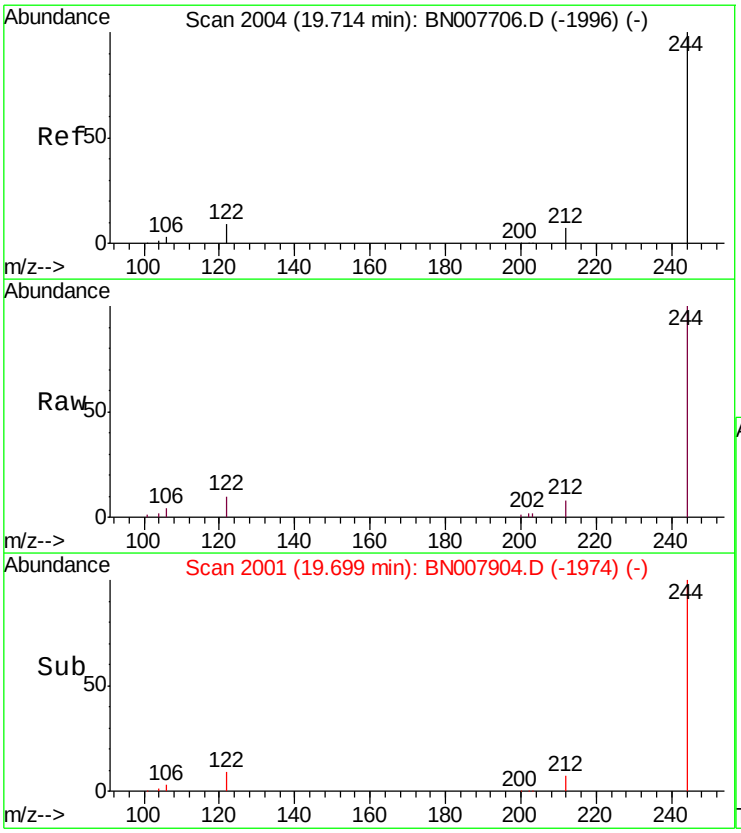
#28
Pyrene
Concen: 0.101 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:202 Resp: 10809

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	21.5	14.1	21.1#

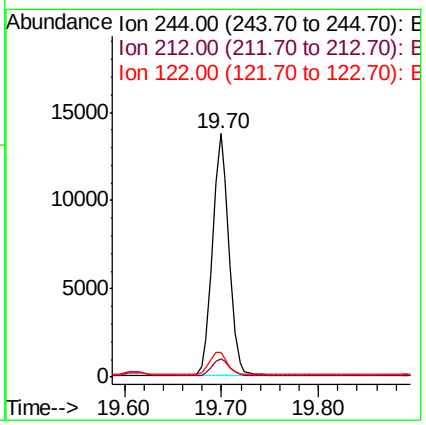


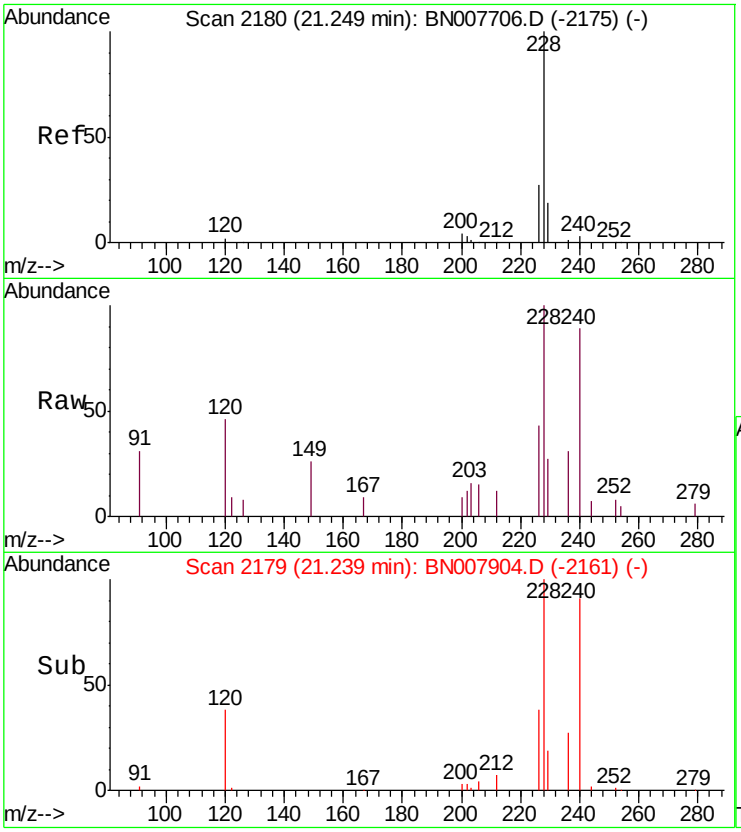


#29
Terphenyl-d14
Concen: 0.212 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:244 Resp: 16275

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.3	7.4	11.2



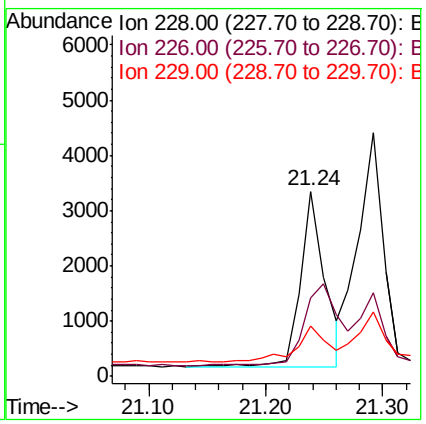


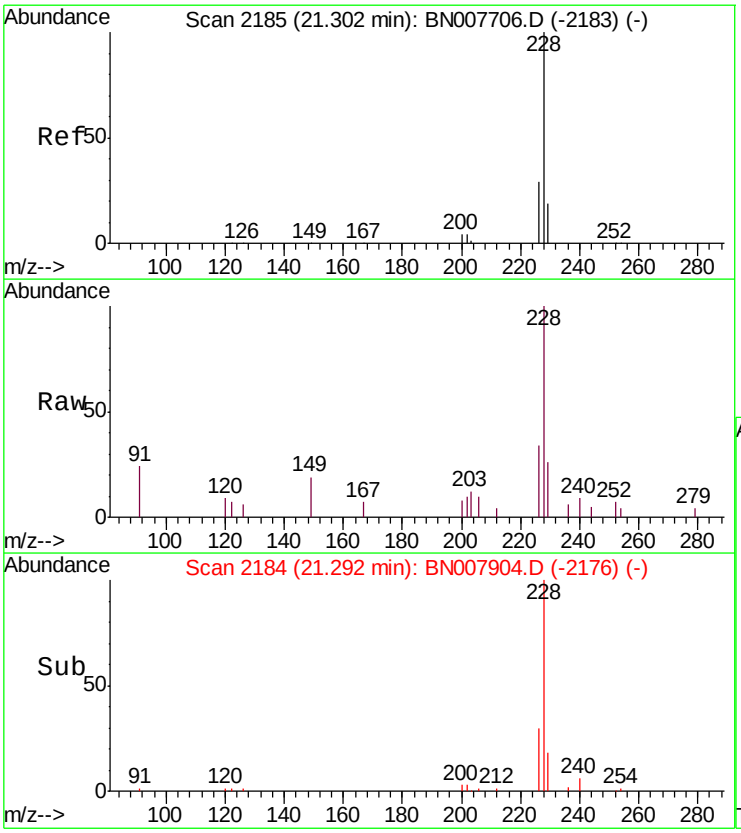
#30
Benzo(a)anthracene
Concen: 0.040 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:228 Resp: 4632

Ion	Ratio	Lower	Upper
228	100		
226	42.6	22.1	33.1#
229	27.3	15.8	23.6#

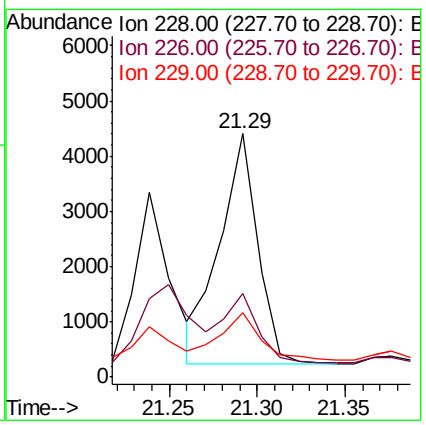


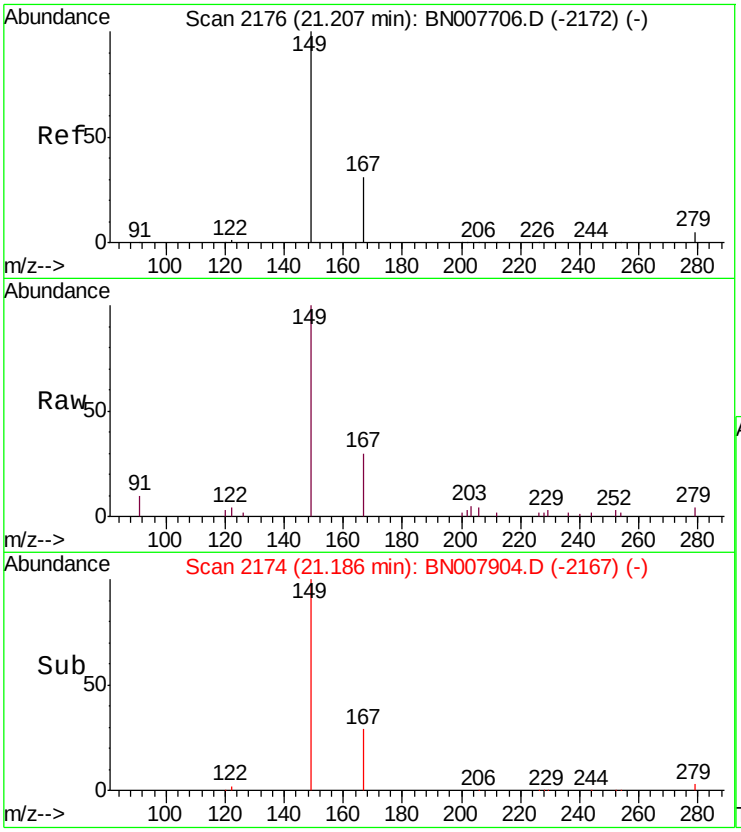


#31
Chrysene
Concen: 0.056 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:228 Resp: 6268

Ion	Ratio	Lower	Upper
228	100		
226	34.2	23.9	35.9
229	26.2	15.8	23.6#



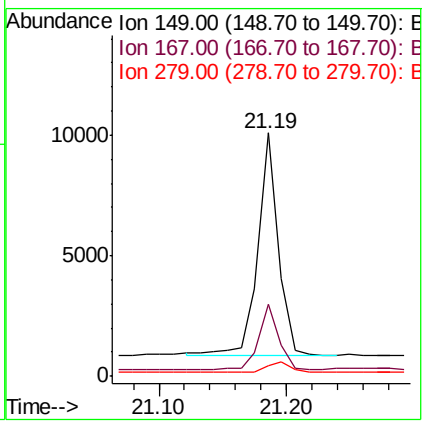


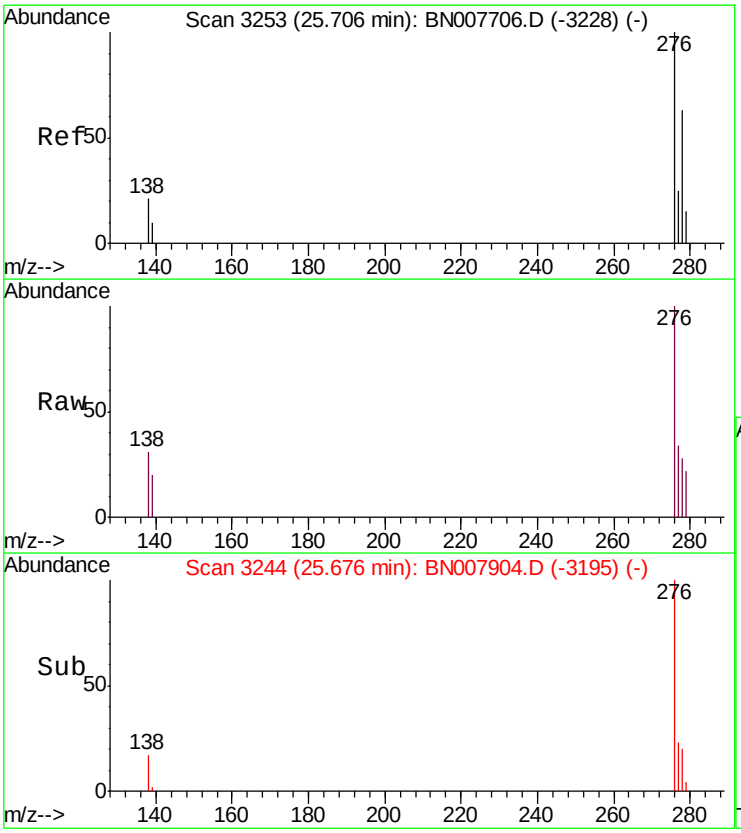
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.174 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:149 Resp: 10297

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.7	35.5
279	5.9	4.2	6.2

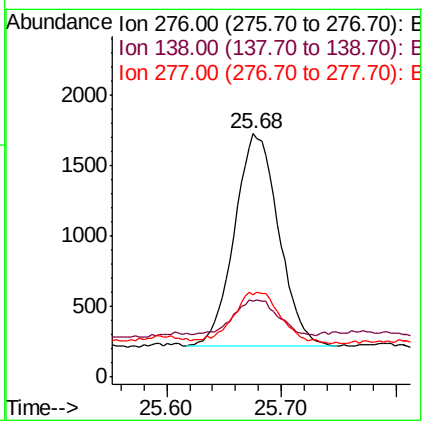


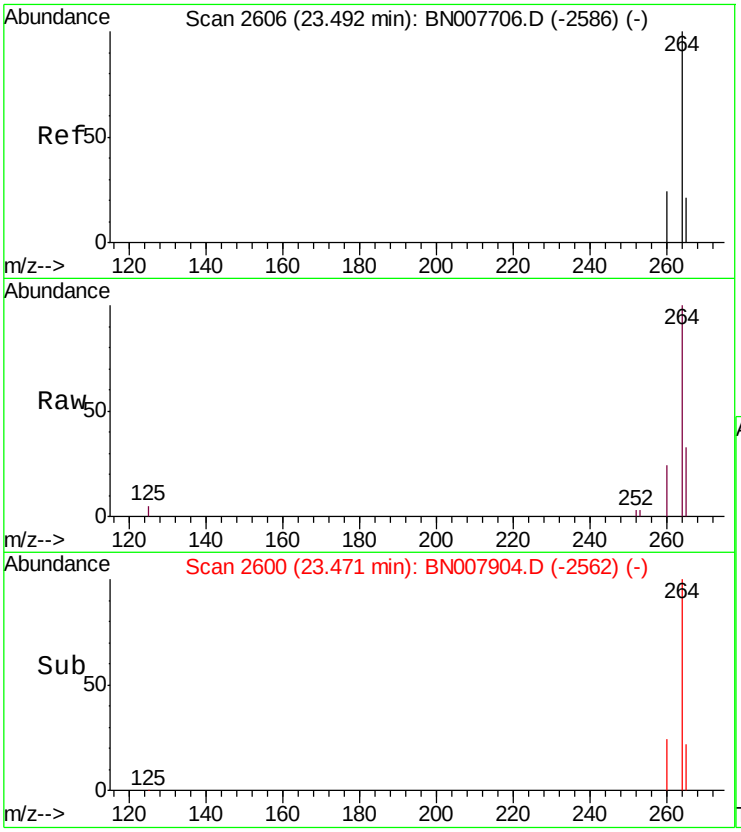


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.029 ng
RT: 25.68 min Scan# 3244
Delta R.T. -0.03 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:276 Resp: 4043

Ion	Ratio	Lower	Upper
276	100		
138	17.1	17.1	25.7#
277	26.1	20.0	30.0



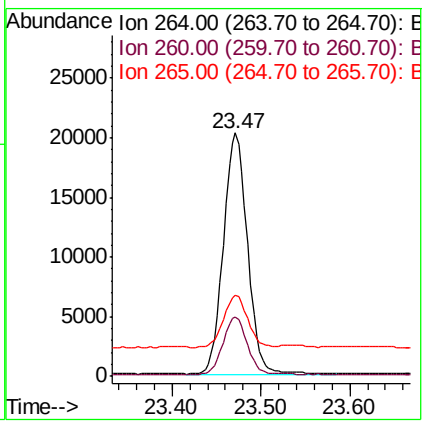


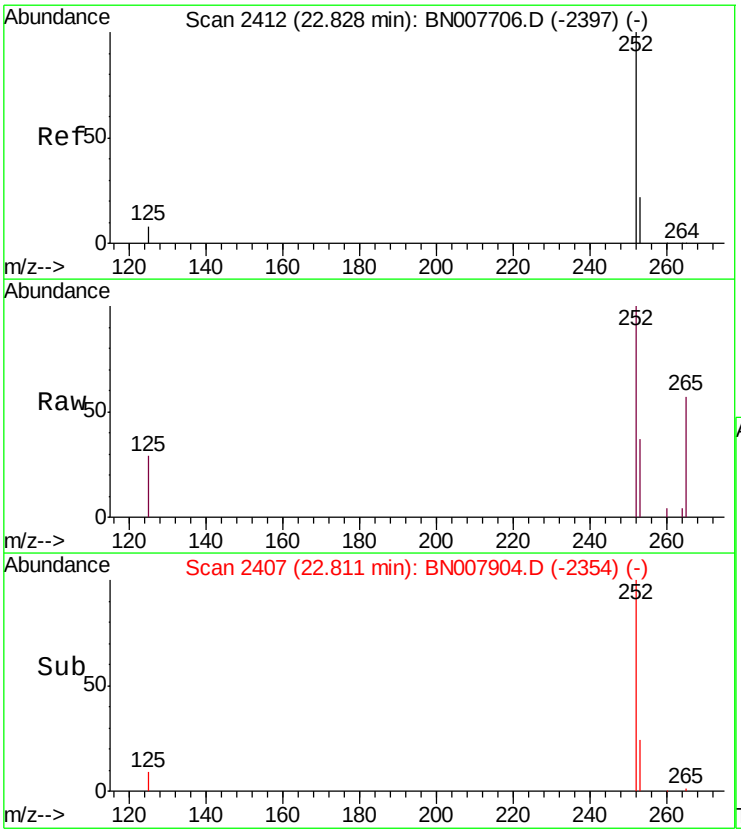
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2600
Delta R.T. -0.02 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:264 Resp: 38054

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	33.3	26.9	40.3

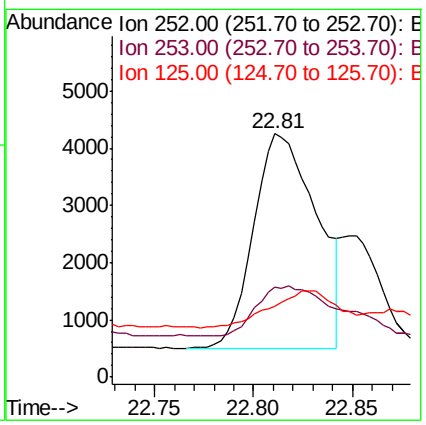


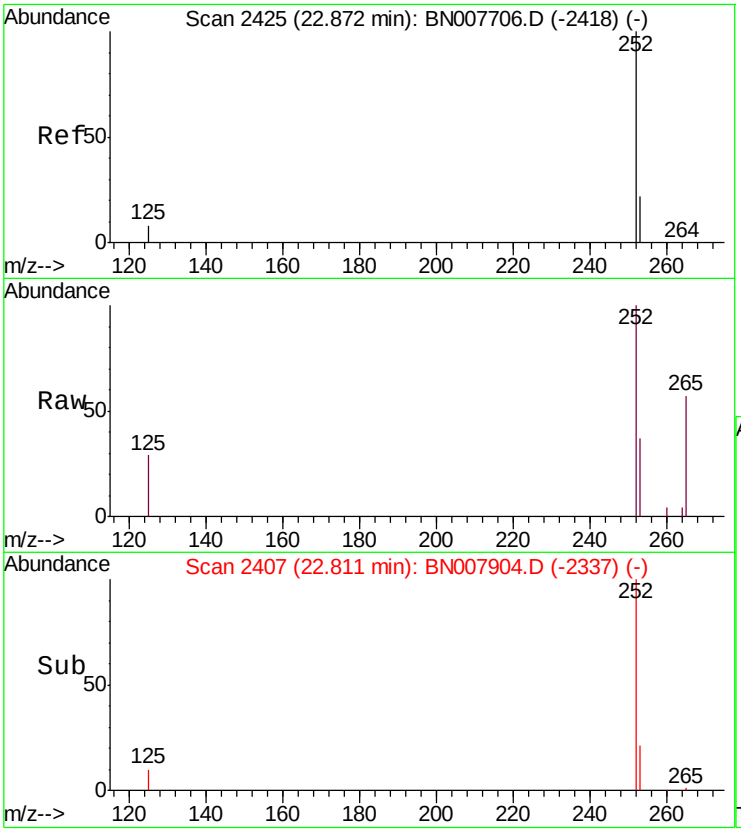


#35
Benzo(b)fluoranthene
Concen: 0.063 ng
RT: 22.81 min Scan# 2407
Delta R.T. -0.02 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:252 Resp: 8287

Ion	Ratio	Lower	Upper
252	100		
253	37.2	18.3	27.5#
125	29.0	8.2	12.4#



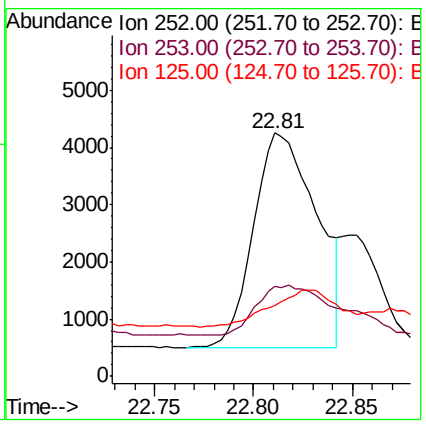


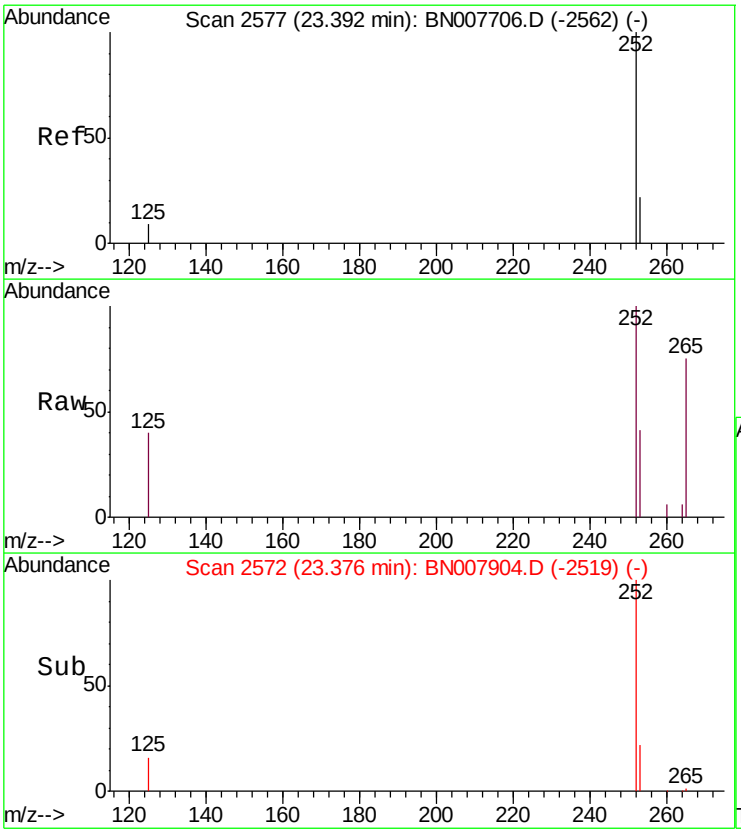
#36
Benzo(k)fluoranthene
Concen: 0.063 ng
RT: 22.81 min Scan# 2407
Delta R.T. -0.06 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:252 Resp: 8287

Ion	Ratio	Lower	Upper
252	100		
253	37.2	18.5	27.7#
125	29.0	8.4	12.6#

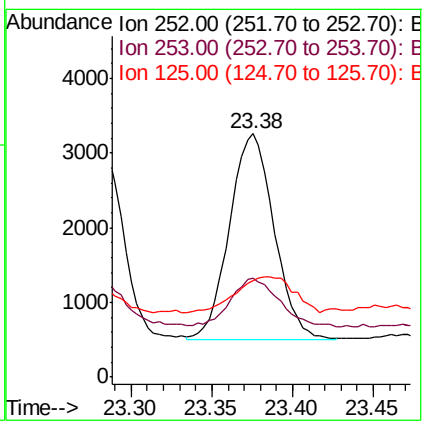


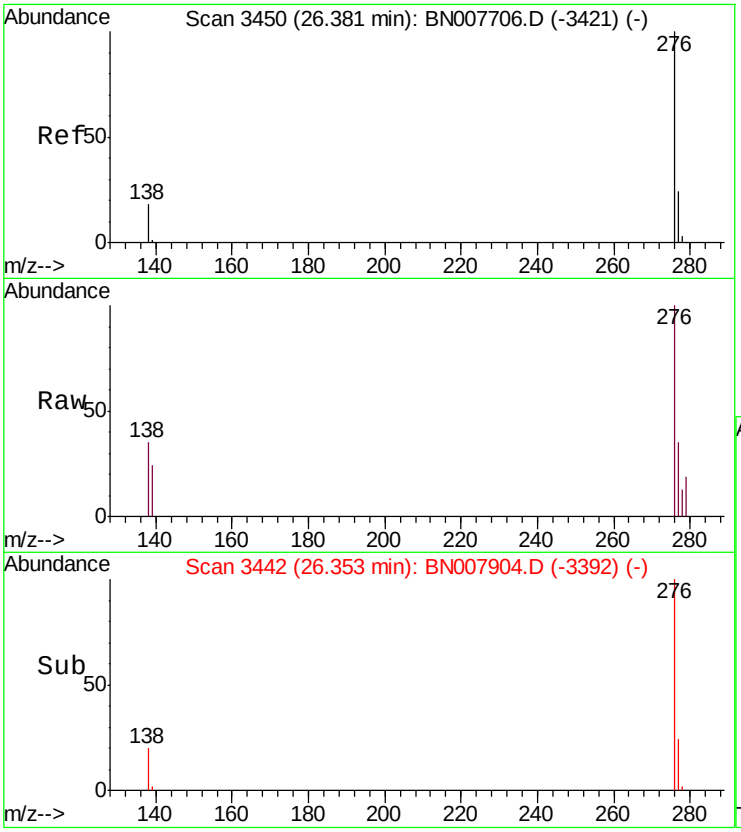


#37
Benzo(a)pyrene
Concen: 0.043 ng
RT: 23.38 min Scan# 2572
Delta R.T. -0.02 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Tgt Ion:252 Resp: 5315

Ion	Ratio	Lower	Upper
252	100		
253	40.6	18.6	27.8#
125	39.5	9.4	14.0#





#39
Benzo(g,h,i)perylene
Concen: 0.038 ng
RT: 26.35 min Scan# 3442
Delta R.T. -0.03 min
Lab File: BN007904.D
Acq: 30 Sep 2019 19:37

Instrument :
BNA_N
ClientSampleId :
PST-024-SW131-092519

Tgt Ion:276 Resp: 4741

Ion	Ratio	Lower	Upper
276	100		
277	35.3	19.8	29.8#
138	35.5	15.1	22.7#